

RMX600 series Multiplexer

4 port or 8 port over one line

DDN NTU/DTU Connection

Leased Line Connection

Dialup Line Connection

128000bps SYNC connection

115200bps ASYNC connection

38400bps terminal connection



- Support upto 128000bps SYNC DDN connection, higher throughput.
- Support V.35 interface for SYNC DDN NTU/DTU device connection.
- Support upto 115200bps ASYNC standard MODEM, good cost performance.
- Support upto 38400bps ASYNC channel port. meet high speed terminal.
- 4 port and 8 port models available. meet different requirement.
- Two Composite port can automatically backup your system.

RMX600 series Statistical Multiplexer Specification:

System structure:

- * RMX640: 4 channel port over 2 composite port.
- * RMX680: 8 channel port over 2 composite port.
- * RMX640-V35: 4 channel port over 2 composite port with V.35 interface.
- * RMX680-V35: 8 channel port over 2 composite port with V.35 interface.
- *** one composite port COM1 in RMX640/680 is used as backup port.***
- *** For V35 version only COM2 to be V.35 interface.***

System processor

- * type: 80182 CPU.
- * speed: 32MHz.

System memory:

- * EPROM: 64KBytes (upto 128KByte)
- * RAM: 64KByte.

Composite port capability:

- * Connector type: DB25 male connector.
- * interface:
RMX640/680: RS232C compatible.
RMX640/680-V35: V.35 compatible. (COM2 port only)
- * Baud rate:
ASYNC mode: 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200bps.
SYNC mode: 9600, 19200, 28800, 33600, 38400, 57600, 64000, 128000bps.
(Note: only COM2 port support SYNC mode for DDN connection)
- * Flow control: RTS/CTS hardware handshake or none.

Channel port capability:

- * Connector type: DB25 female connector.
Baud rate: 110, 300, 1200, 2400, 4800, 9600, 19200, 38400 bps.
(Note: For special baud rate setting call factory).
- * Data format: 5, 6, 7, 8 bits.
- * Parity check: none, even parity, odd parity.
- * Number of stop bit: 1 bit or 2 bit.
- * Flow control: none
RTS/CTS hardware handshake.
XON/XOFF software handshake.
XON/XANY software handshake.
XON/XOFF transparent handshake.

Dimension:

- * RMX600 box: 29.8 X 13.5 X 5.5 (cm).

Environment:

- * operating temperature: 5 - - 40°C
- * operating humidity: 10% - - 90% RH.
- * storage temperature: 0 - - 65°C
- * Storage humidity: 5% - - 90% RH.

Power requirement:

- * AC input: 100 to 240 VAC.
- * DC input: -40 to -56 VDC.
- * power consumption: 10W.

Other relative products.

- * RMX640L/RMX680L multiplexer: support four/eight channel port in one box. built-in 14400bps MODEM. switch line and lease line connect directly.
- * RMX102 building MUX: eight port multiplexer. support eight Async devices over one four wire cable. transparent to system. Don't need any setup or software issue.
- * GTS586 terminal server: support 16 serial port and one printer port.
support 10Base5, 10Base2, 10BaseT LAN connection.

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